

FIG. 1

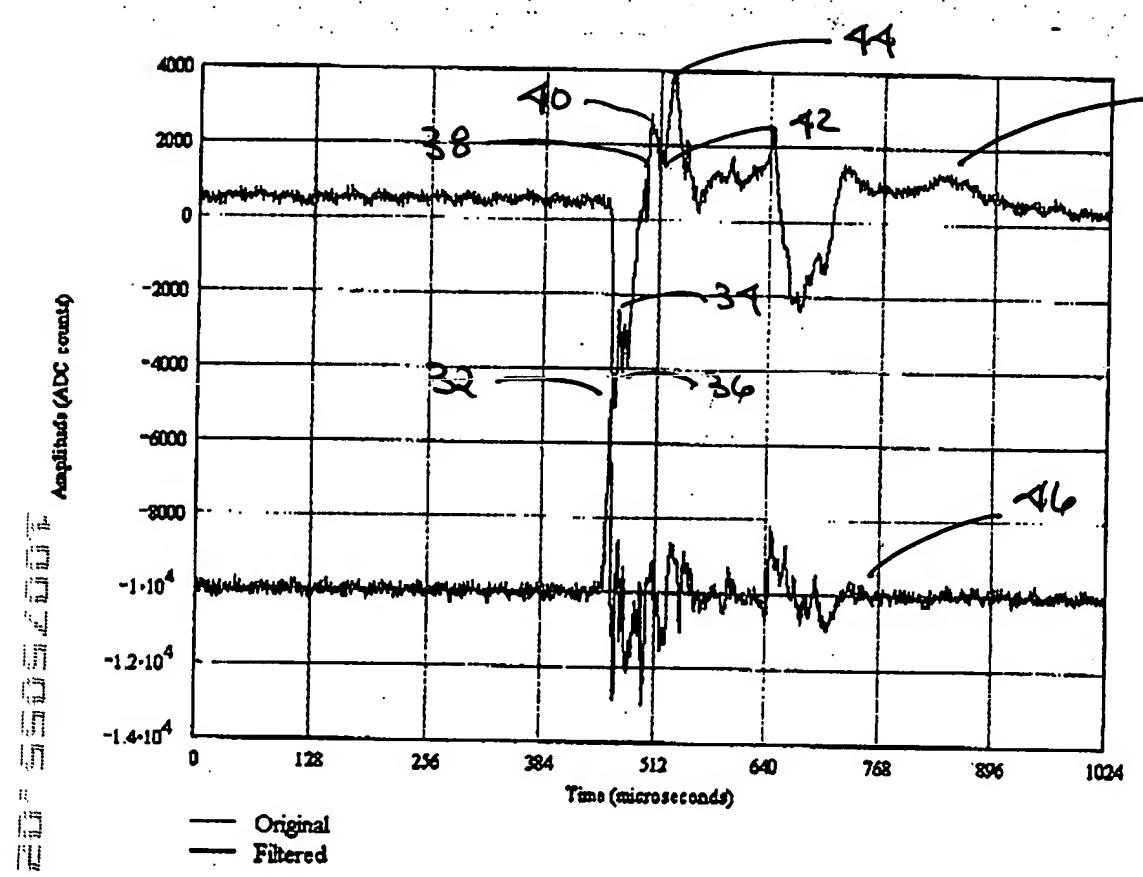


FIG. 2

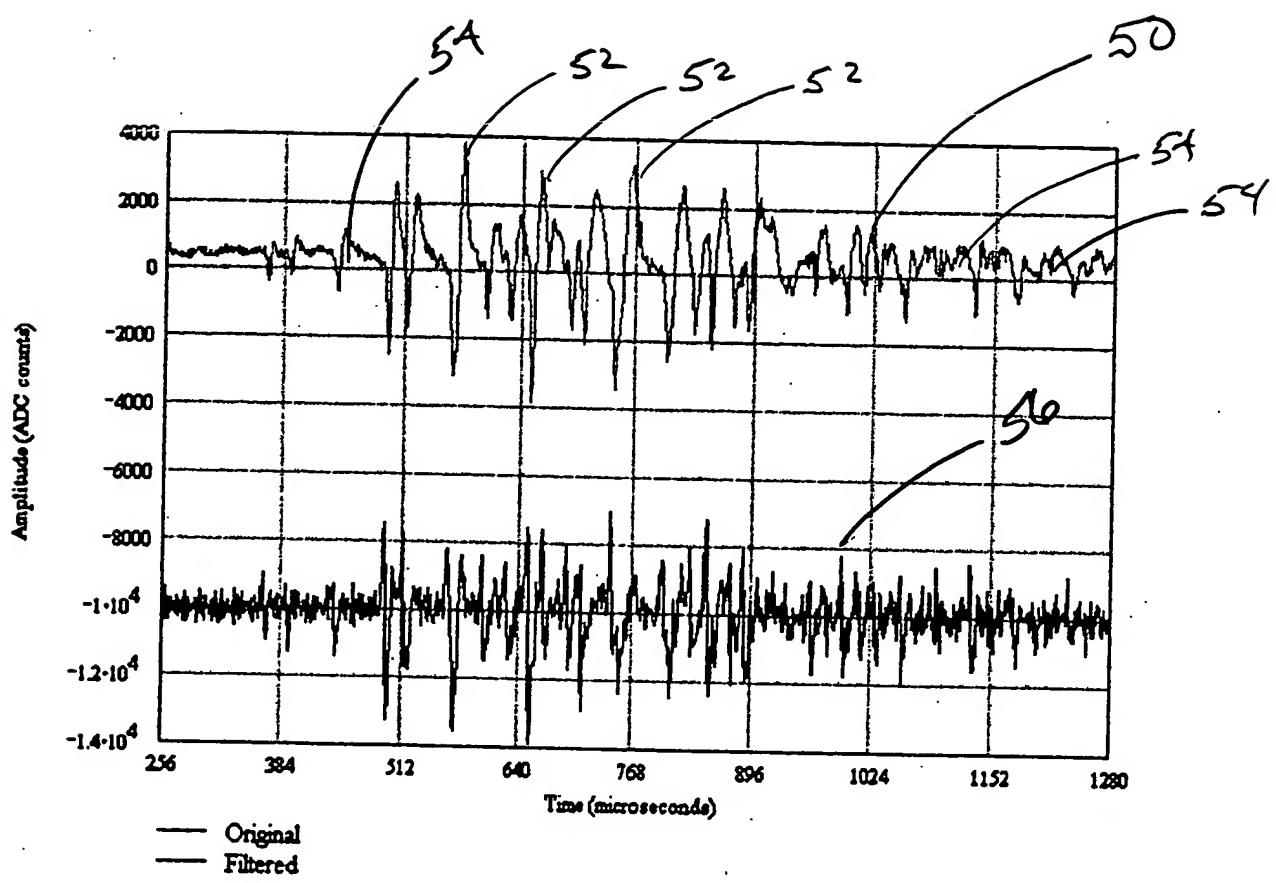


FIG. 3

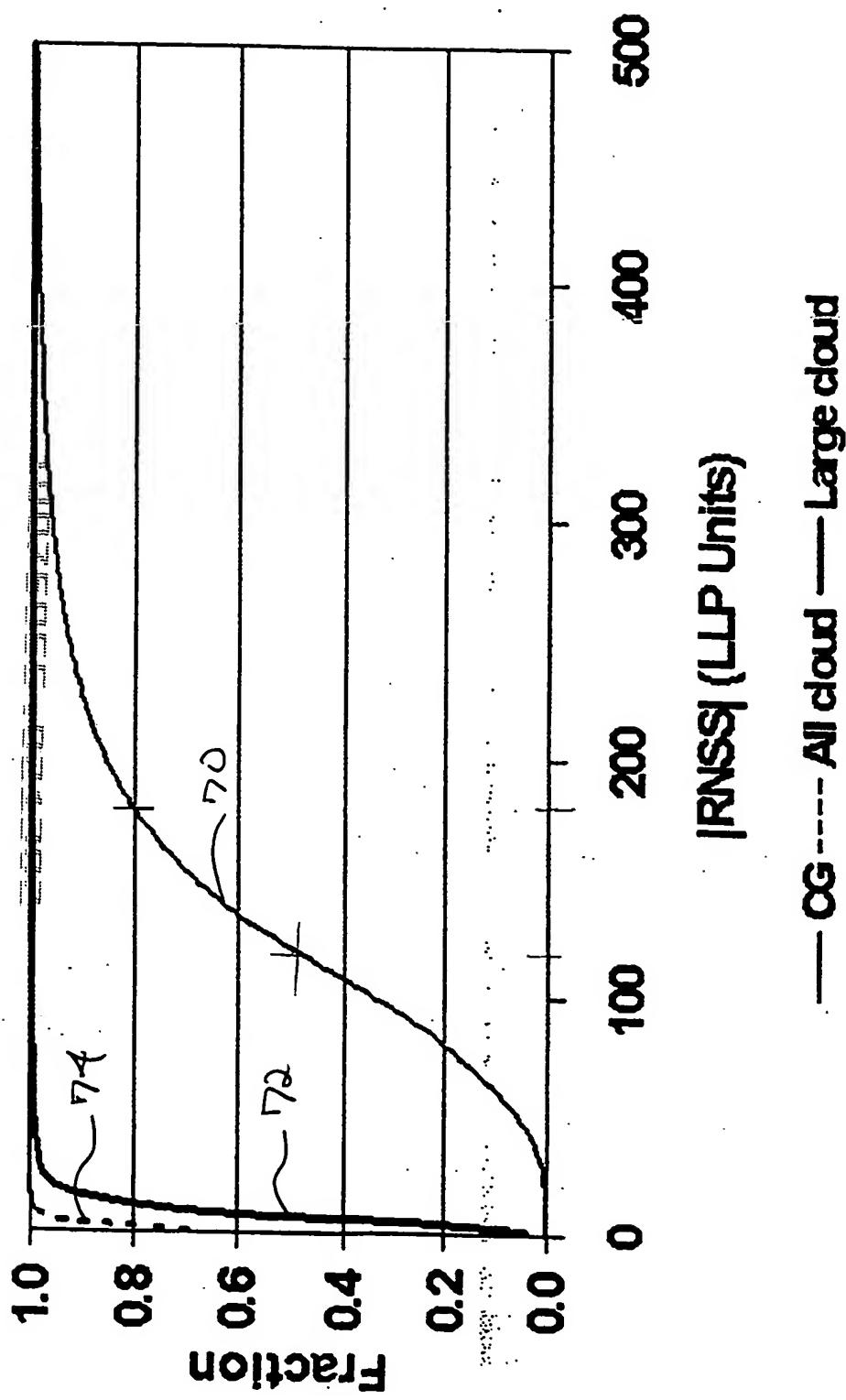


Fig. 4

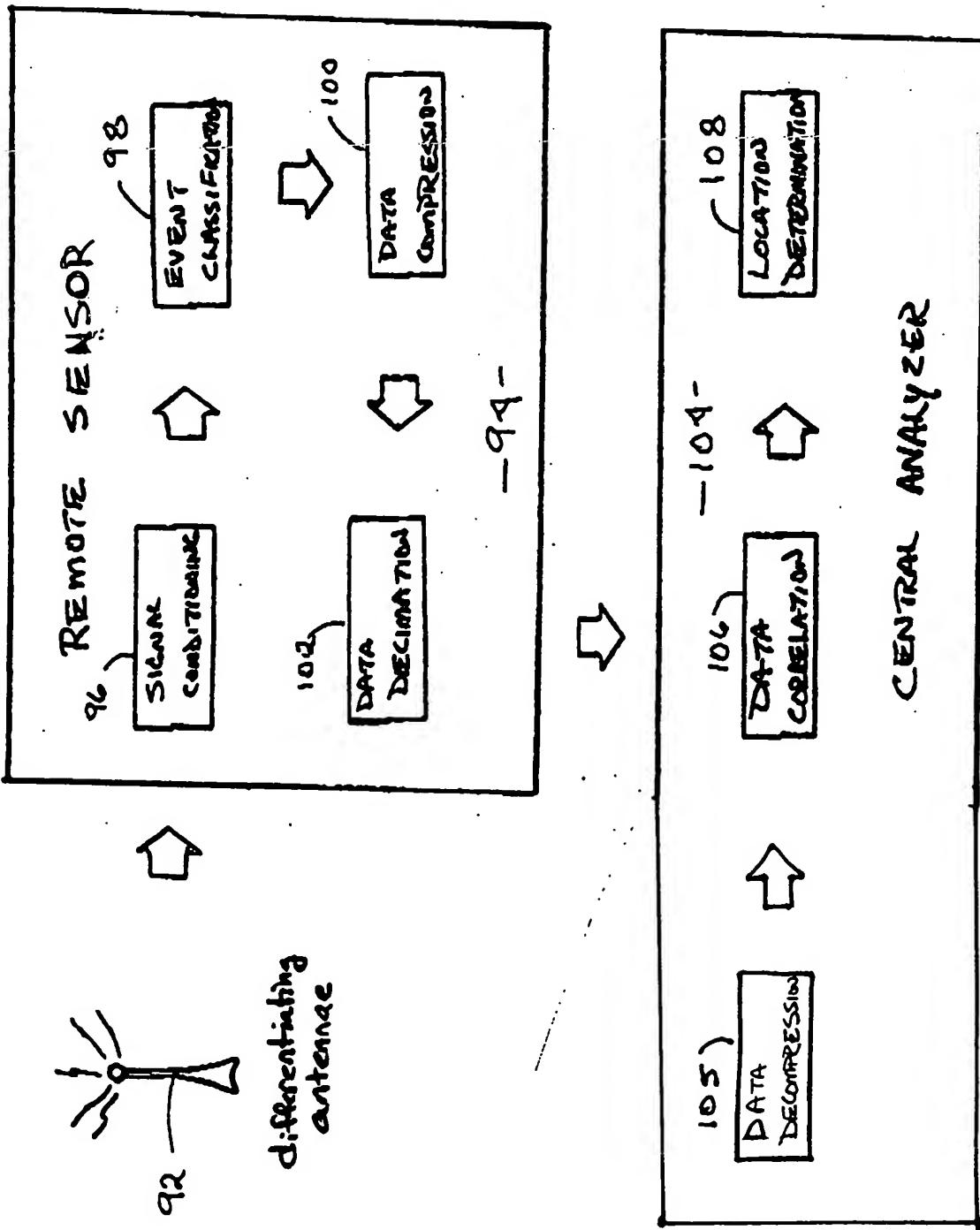


FIG. 5

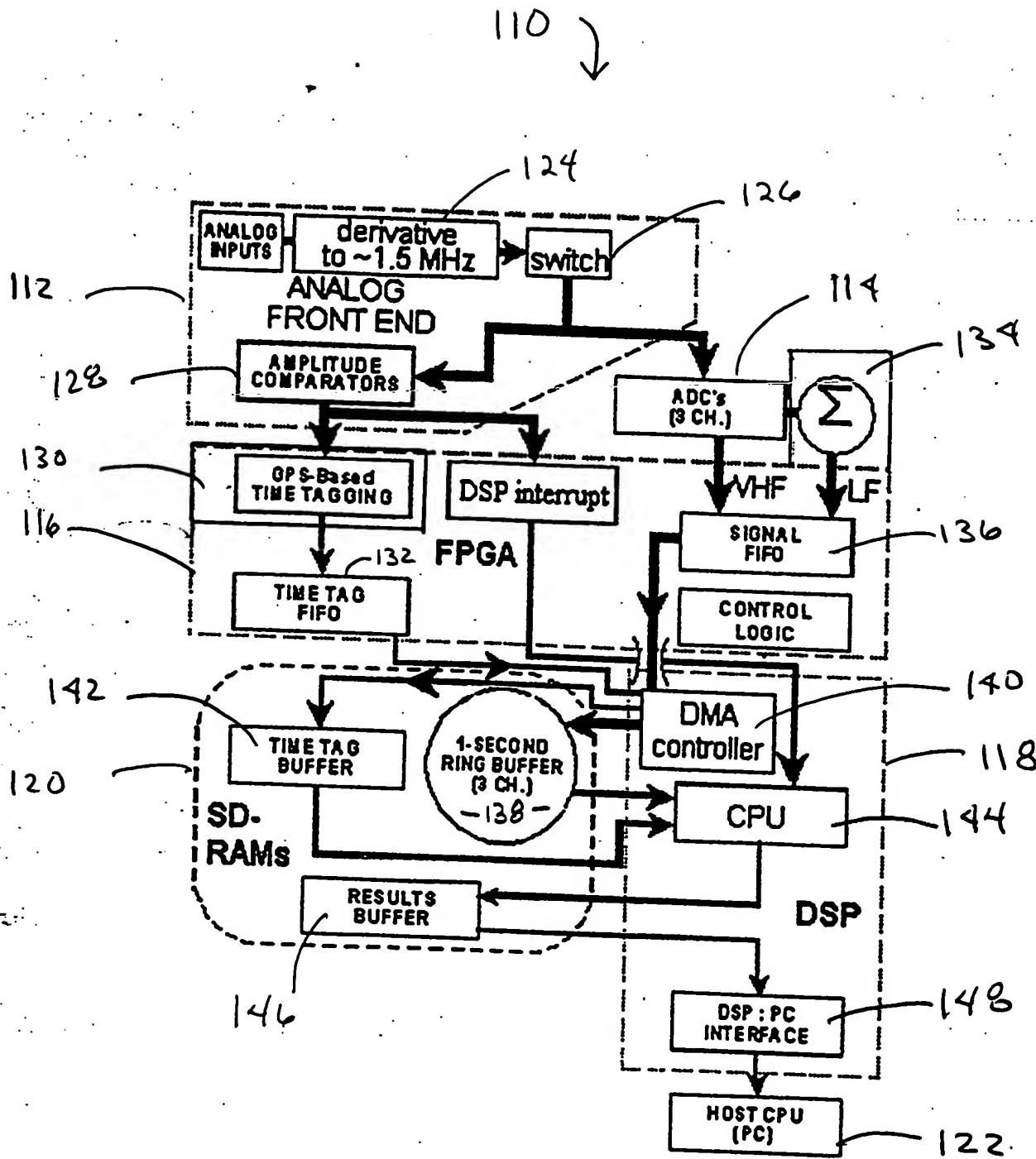


FIG. 6

Major Components of filtering & amplification

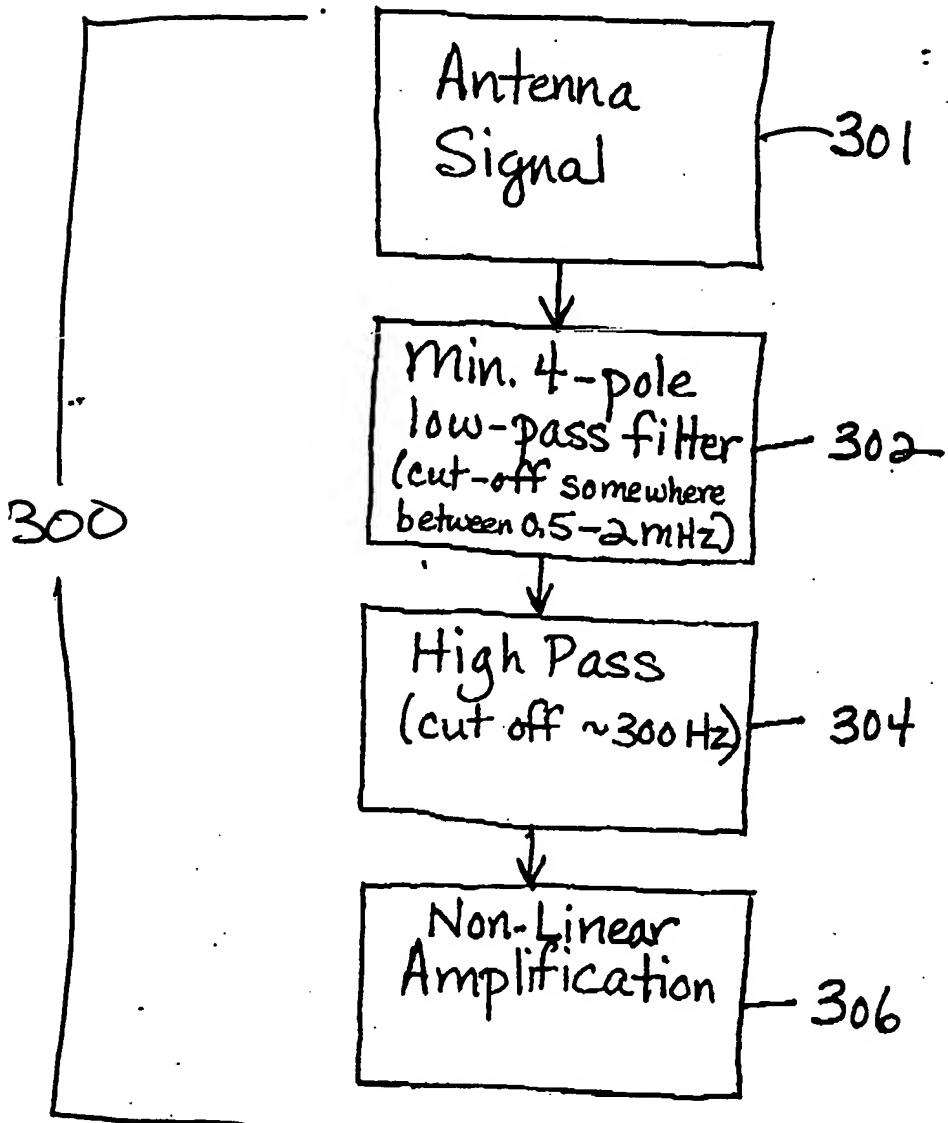


FIG. 7

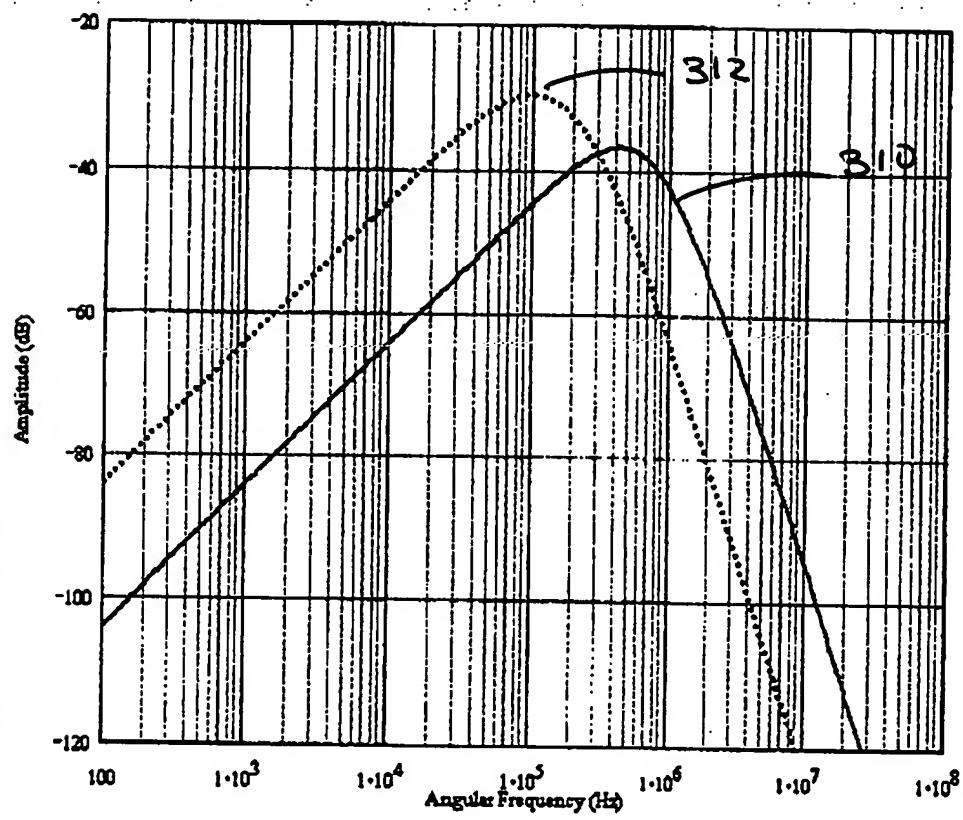


FIG. 8

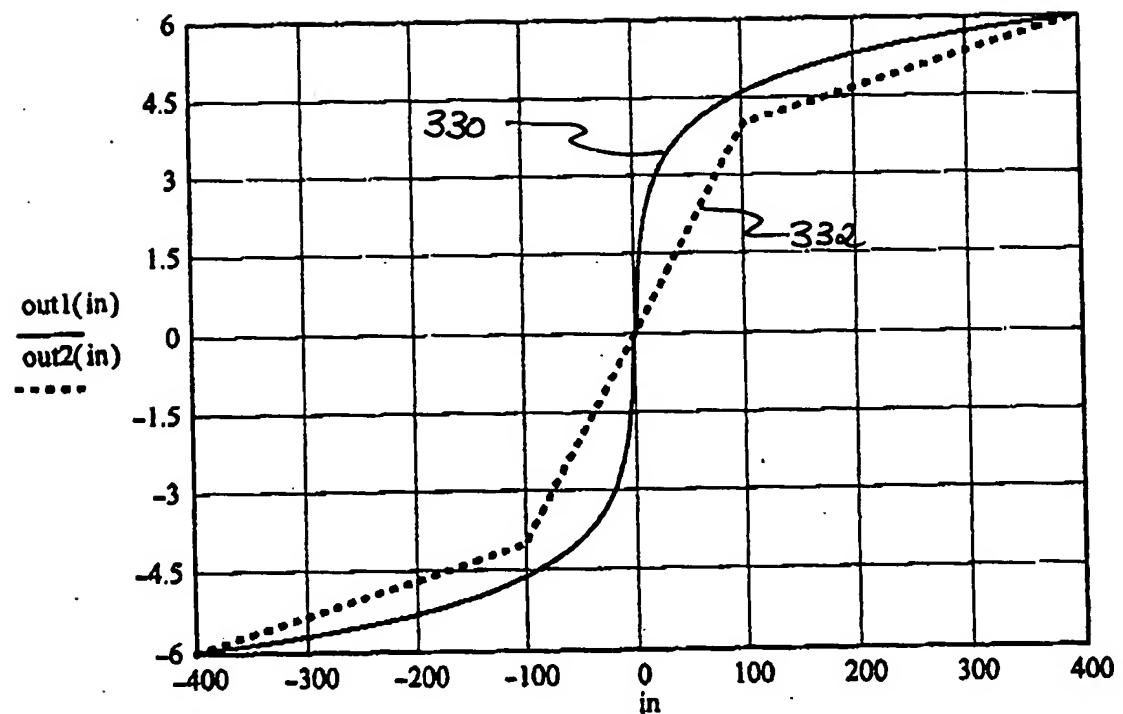


FIG. 9

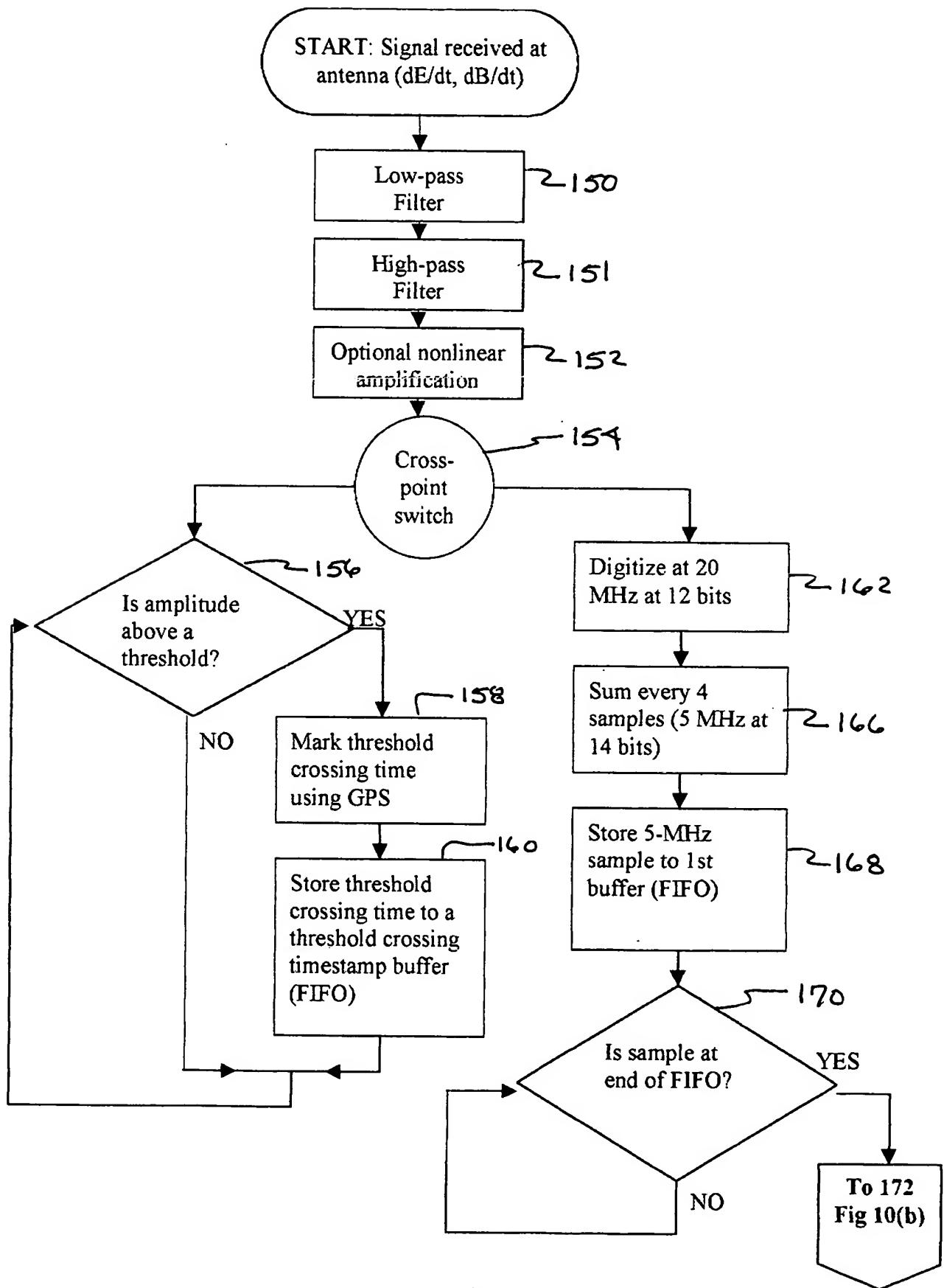


Fig. 10(a)

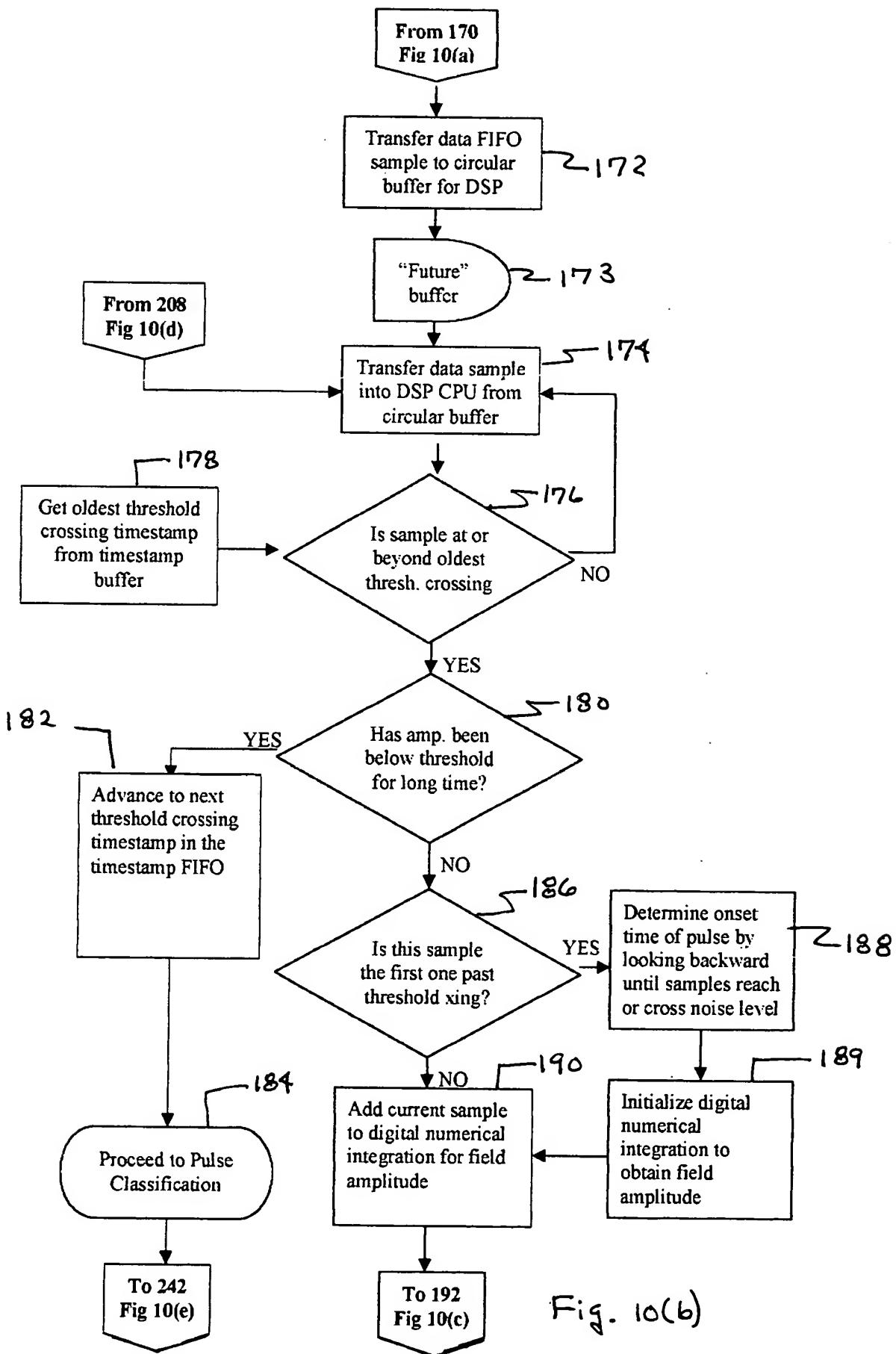


Fig. 10(b)

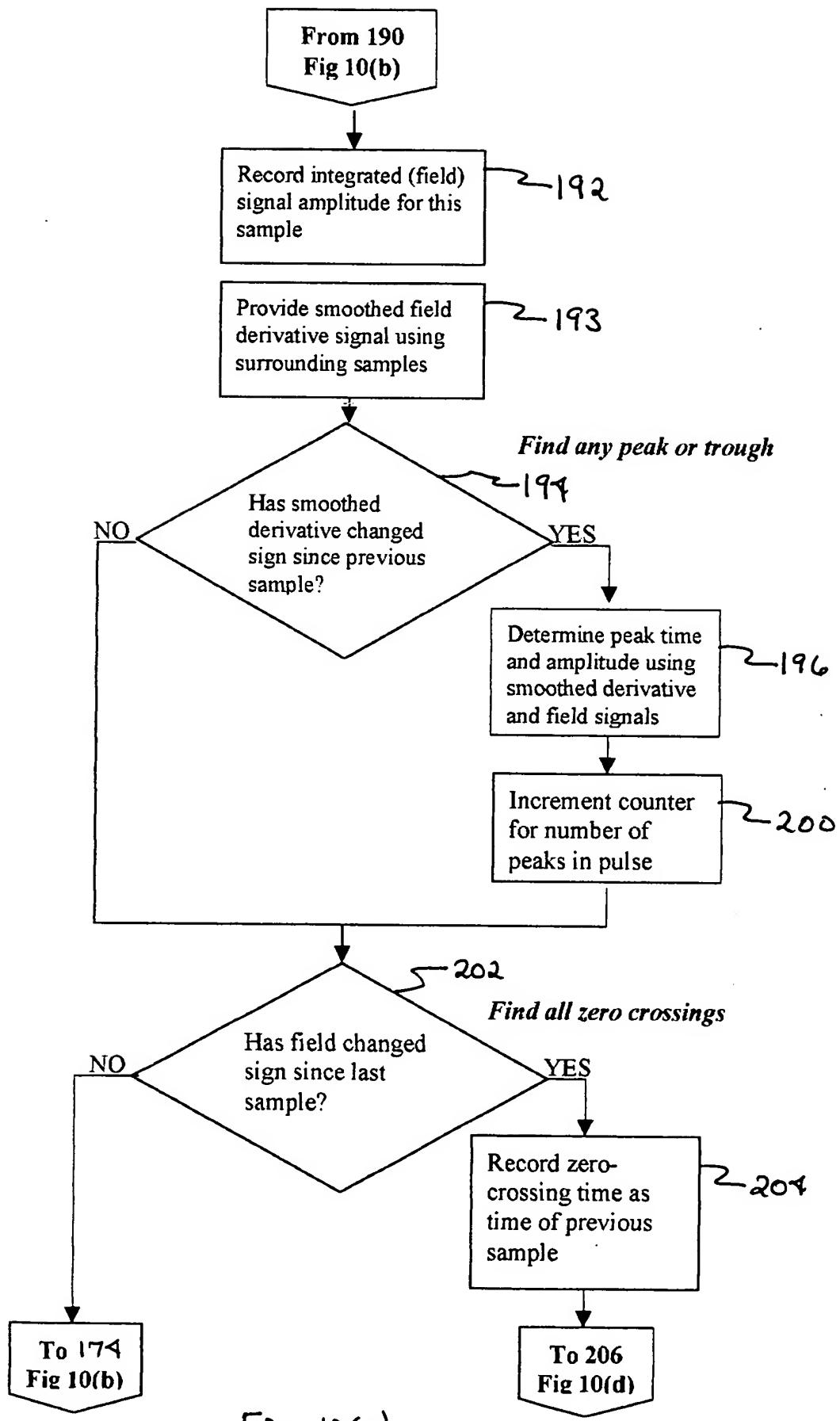


Fig. 10(c)

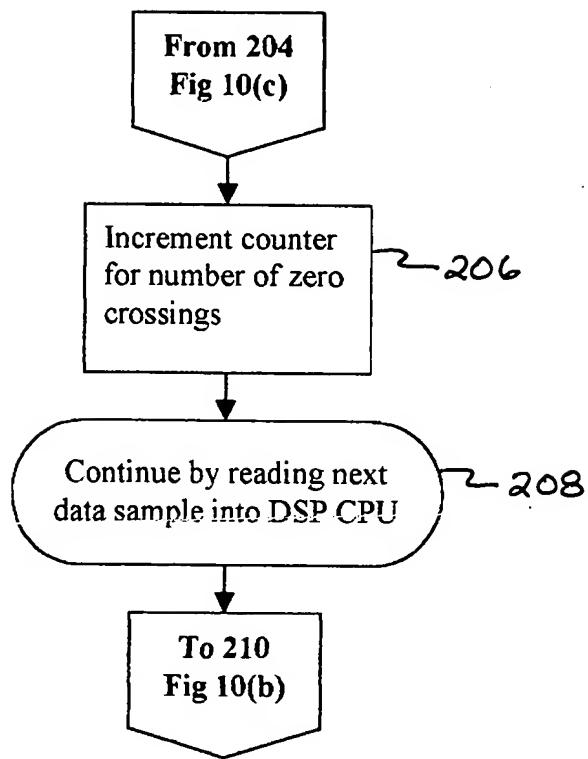
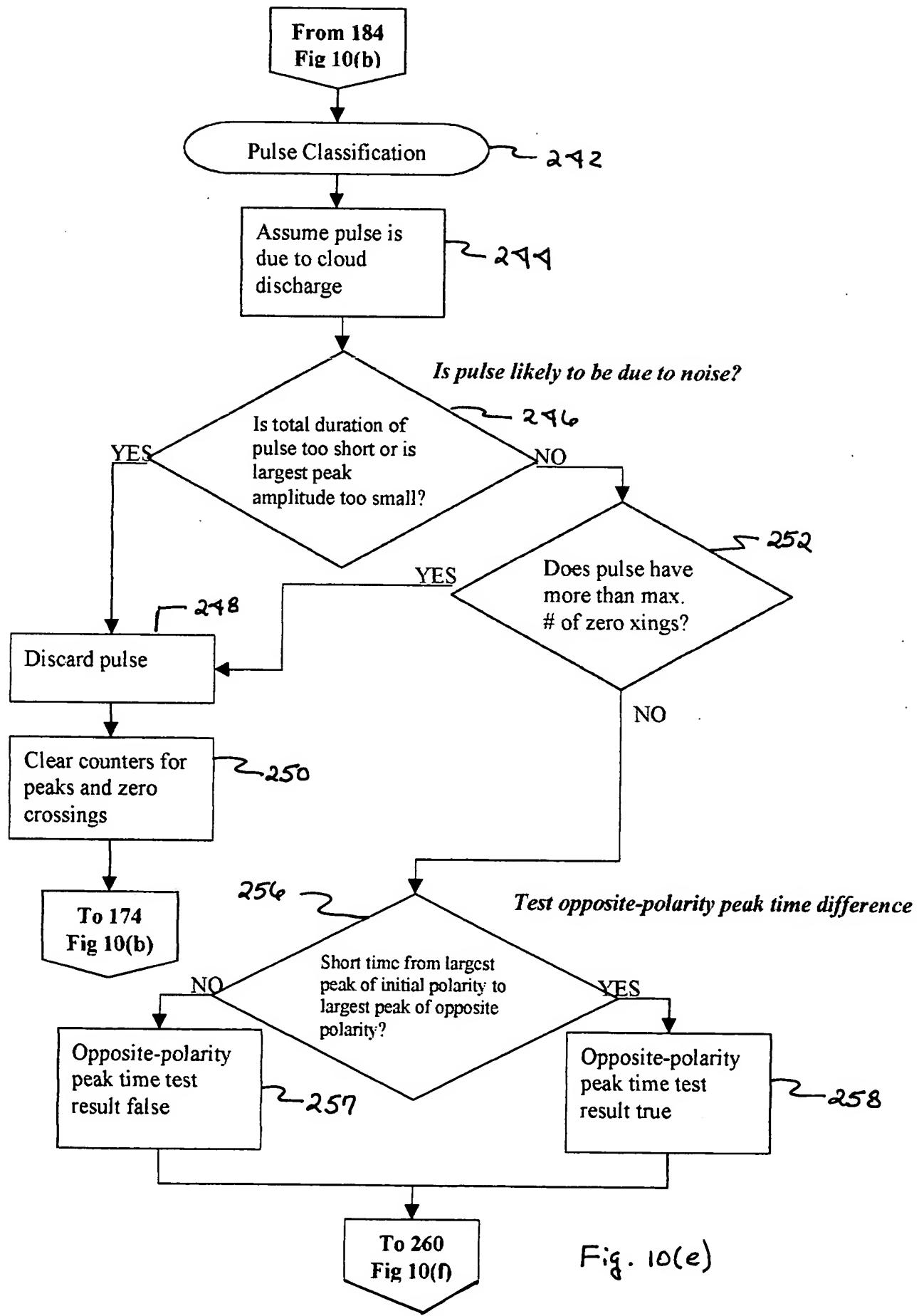


Fig. 10(d)



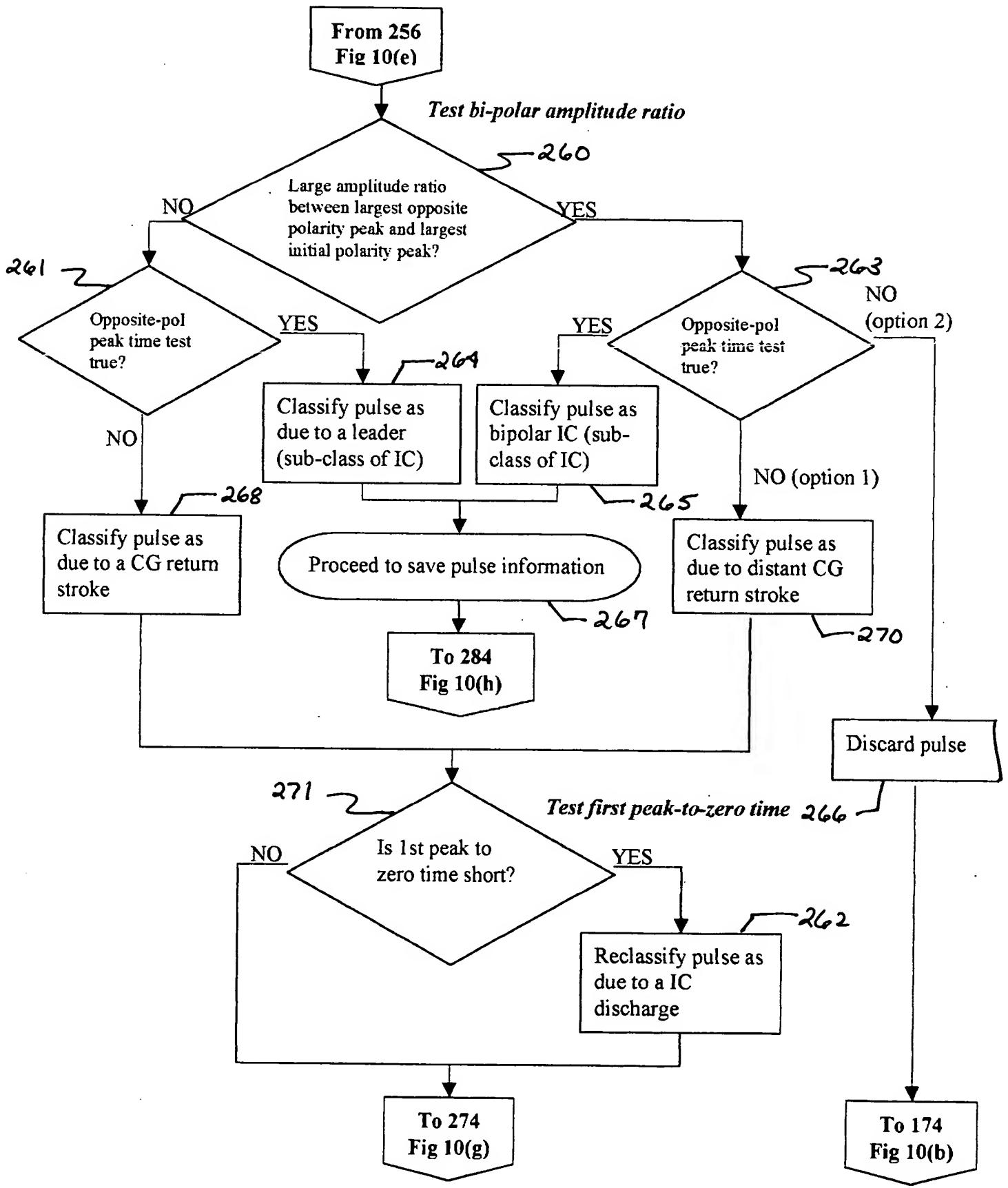


Fig. 10(f)

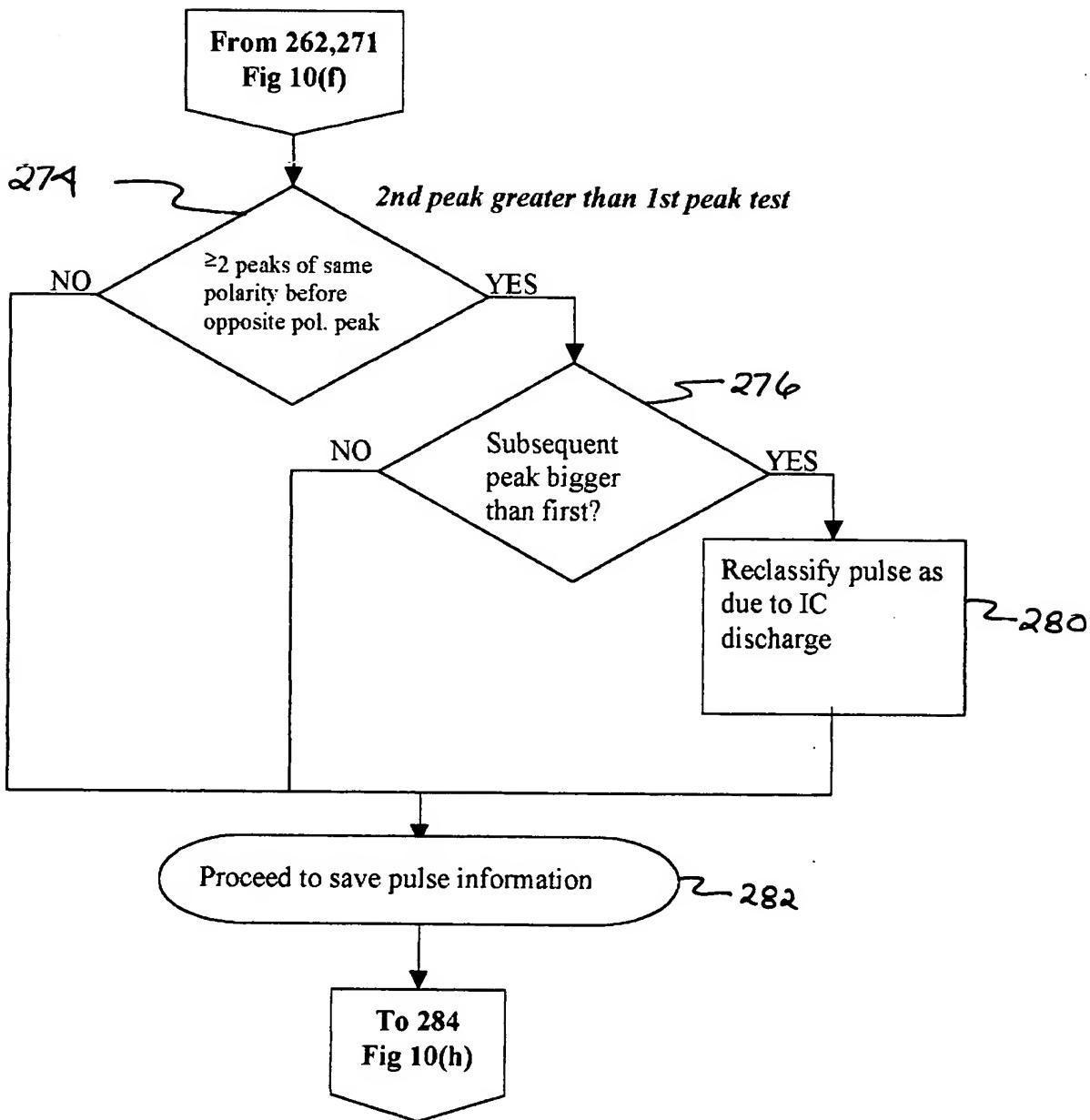


Fig. 10(g)

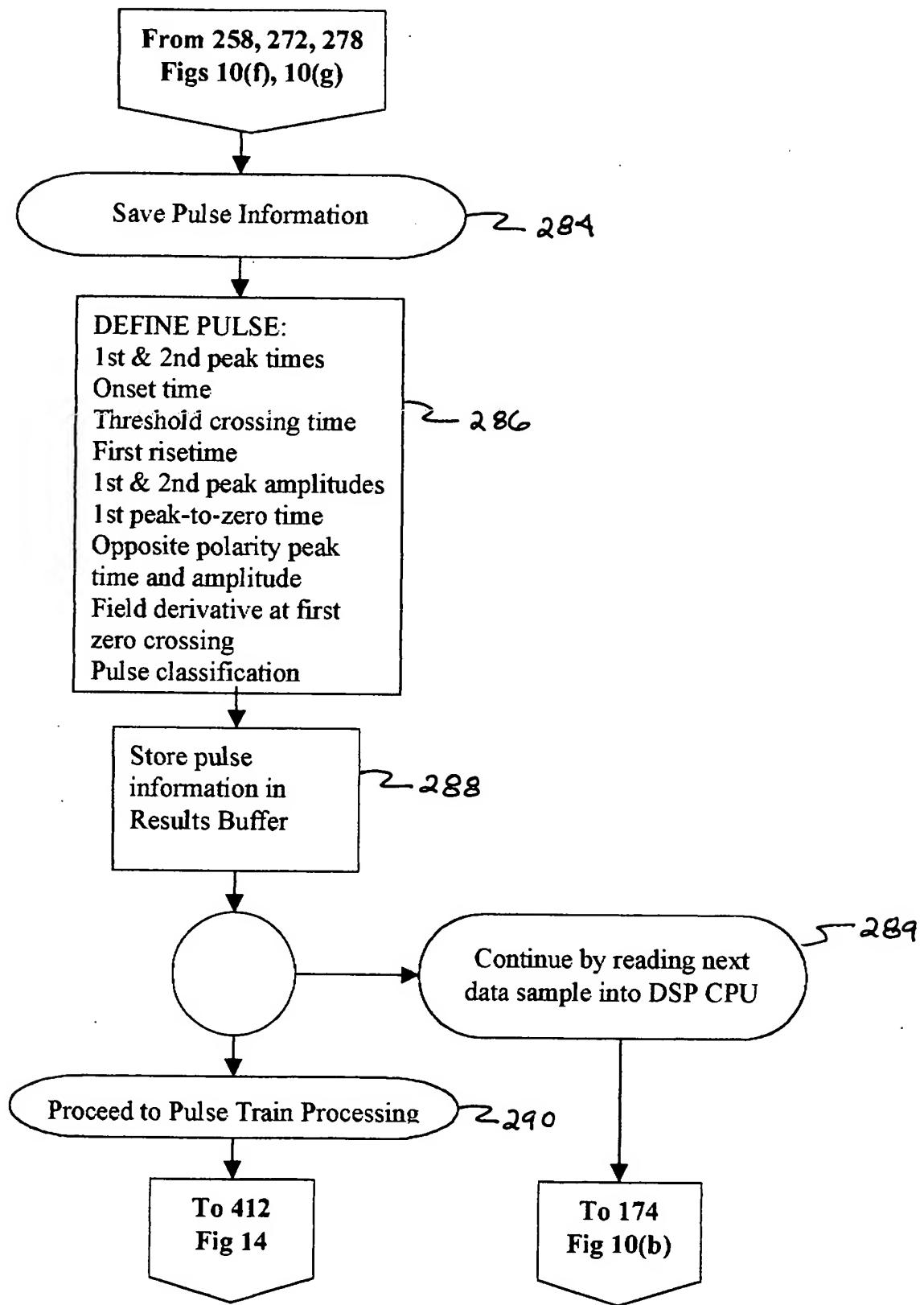


Fig. 10(h)

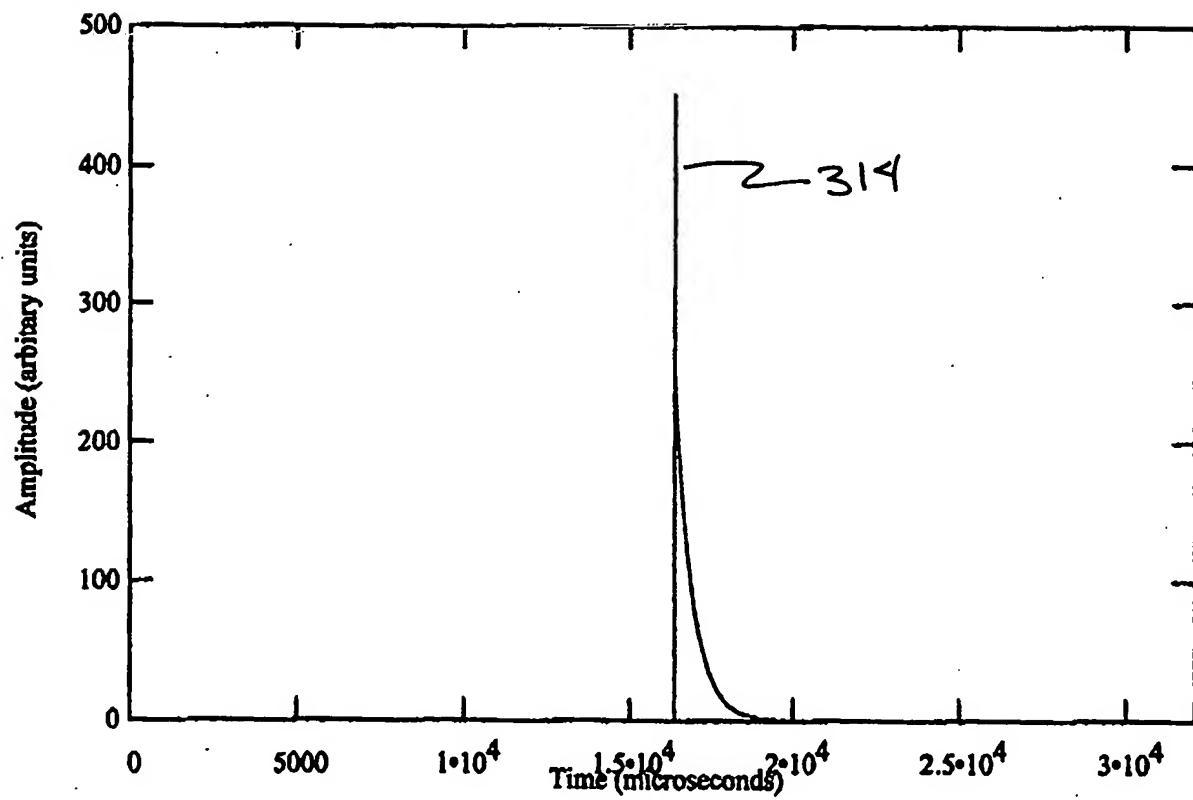


FIG. 11

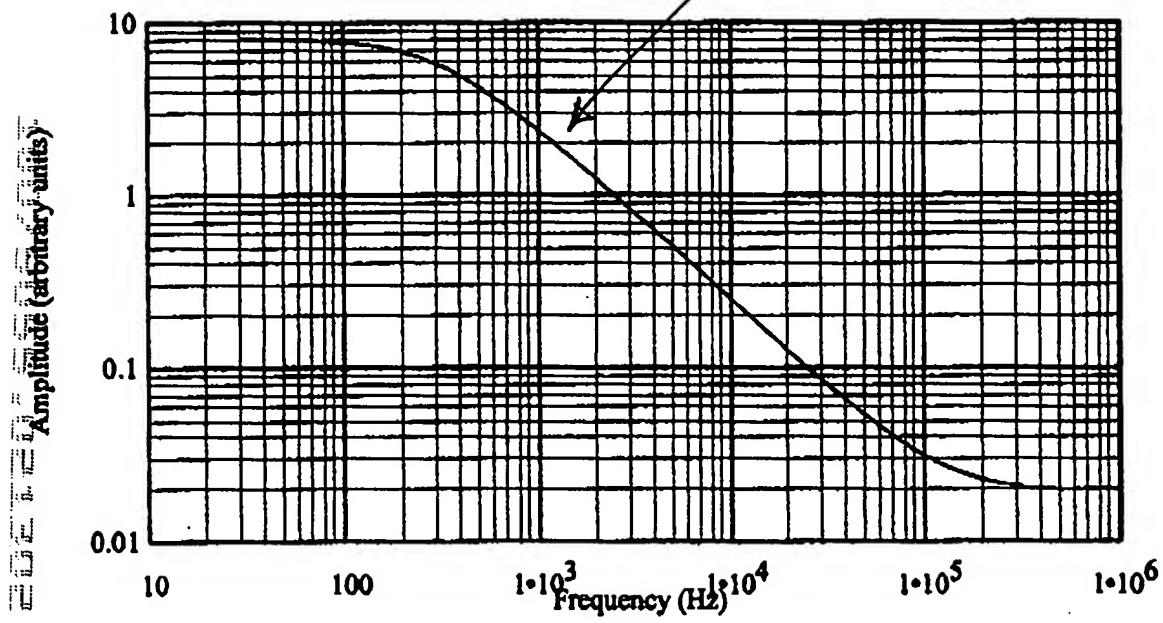


FIG. 12

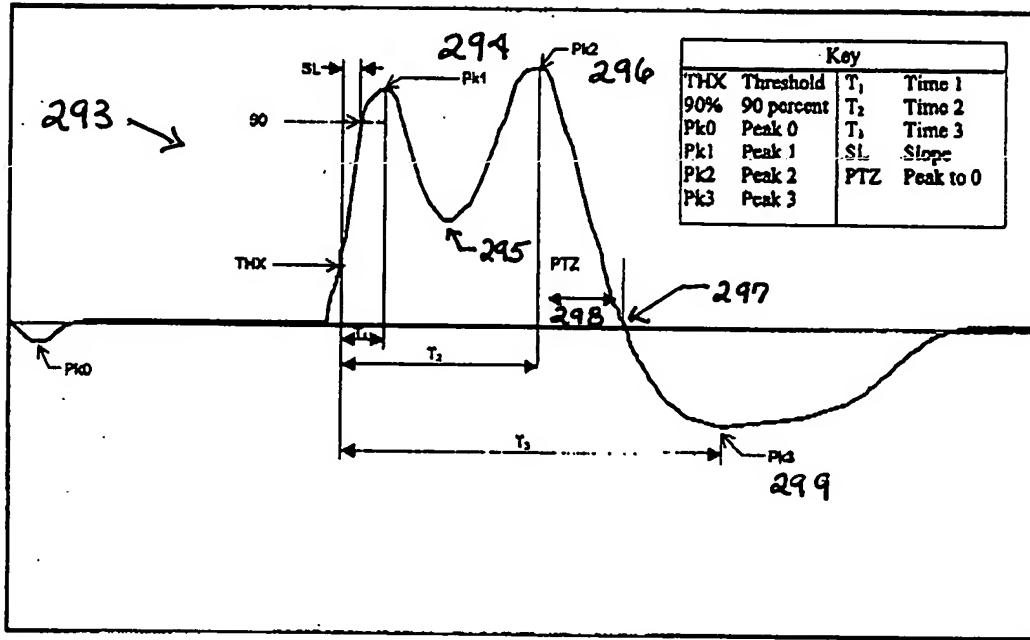


FIG. 13

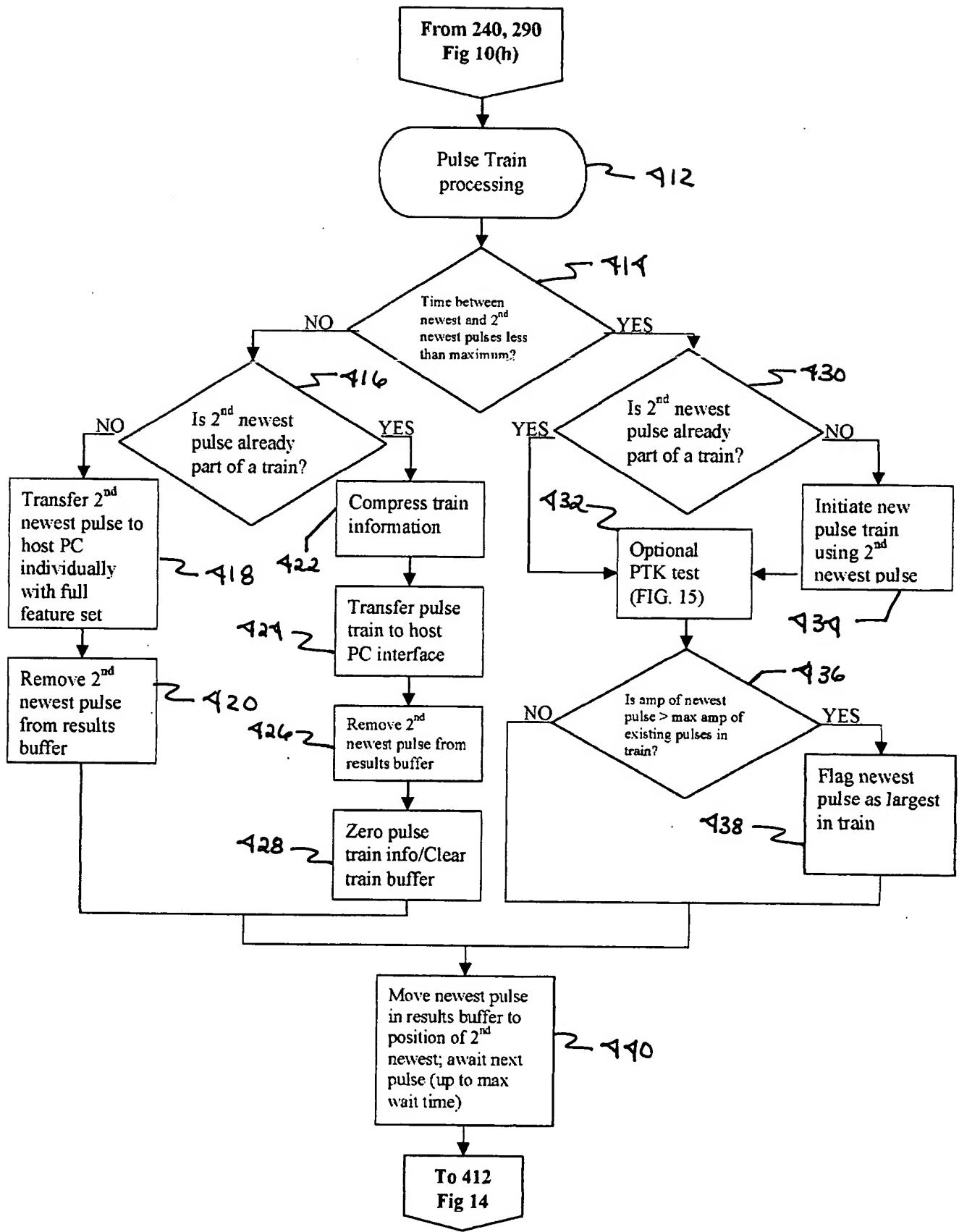


Fig. 14

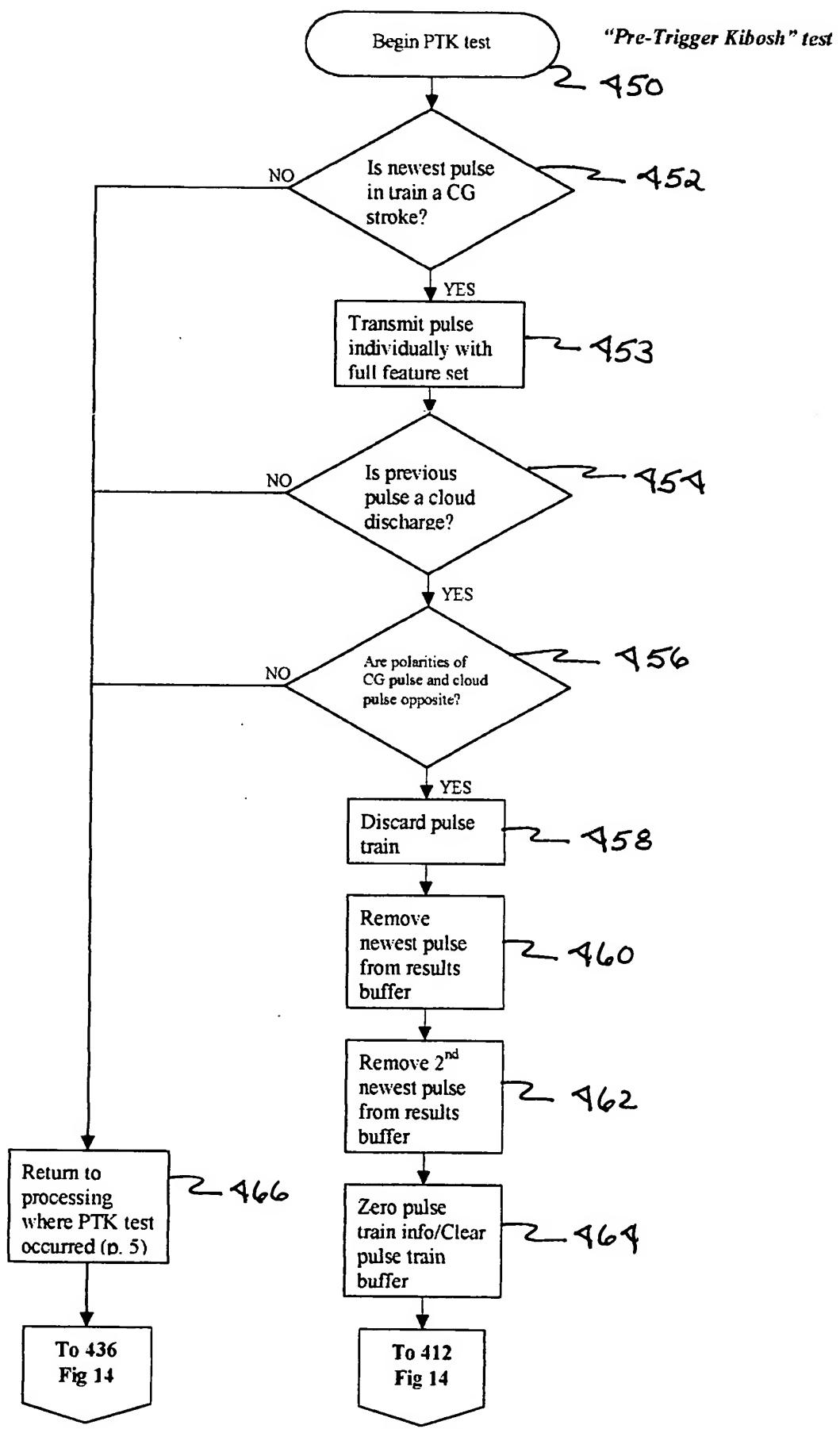


Fig. 15

<u>Pulse</u>	<u>Time (frac. of sec.)</u>	<u>Time (microsec)</u>	<u>Amplitude (count)</u>
471 → 1	0.000500	500	4400
473 → 2	0.000630	630	5100
471 → 3	0.000800	800	2900
471 → 4	0.000840	840	5000
471 → 5	0.000990	990	2900
471 → 6	0.001060	1060	2500

FIG. 16

Complete representations — Decimal / Hexadecimal

Pulse 1	Time (to second):	997056000	3B6DDE00
A71	Fraction of second:	10000	2710
	Amplitude:	4400	1130
	Angle:	359.99°	7FFF
	Classification:	Cloud	1

FIG. 17

492

Hex:

3 B 6 D D E 0 0

Bin: 0011 1011 0110 1101 1101 1110 0000 0000

Comment: ← Time to the second → 490

Hex:

0 0

8 9

C

5

3

Bin: 0000 0000 0001 1000 1001 1100 0101 0011

Comment: ← Fraction of second → ← Amplitude

Flag to indicate that
amplitudes are included

Hex:

E C

F

F

F

F

Bin: 1110 1100 1111 1111 1111 1111 1111 1111

Comment: Amplitude ← Angle → Classification

(1 = Cloud;
0 = CG)

FIG. 18

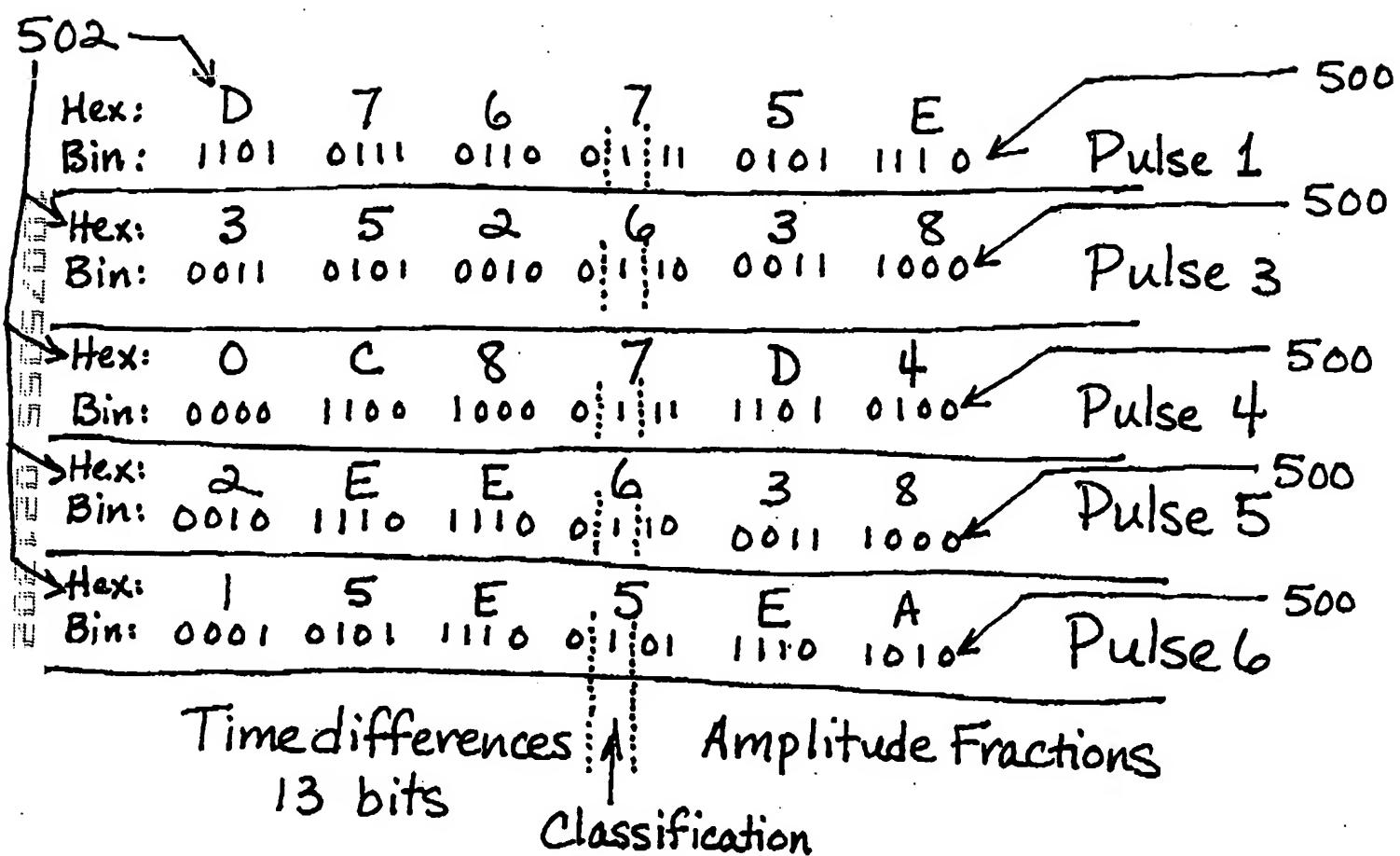


FIG. 19

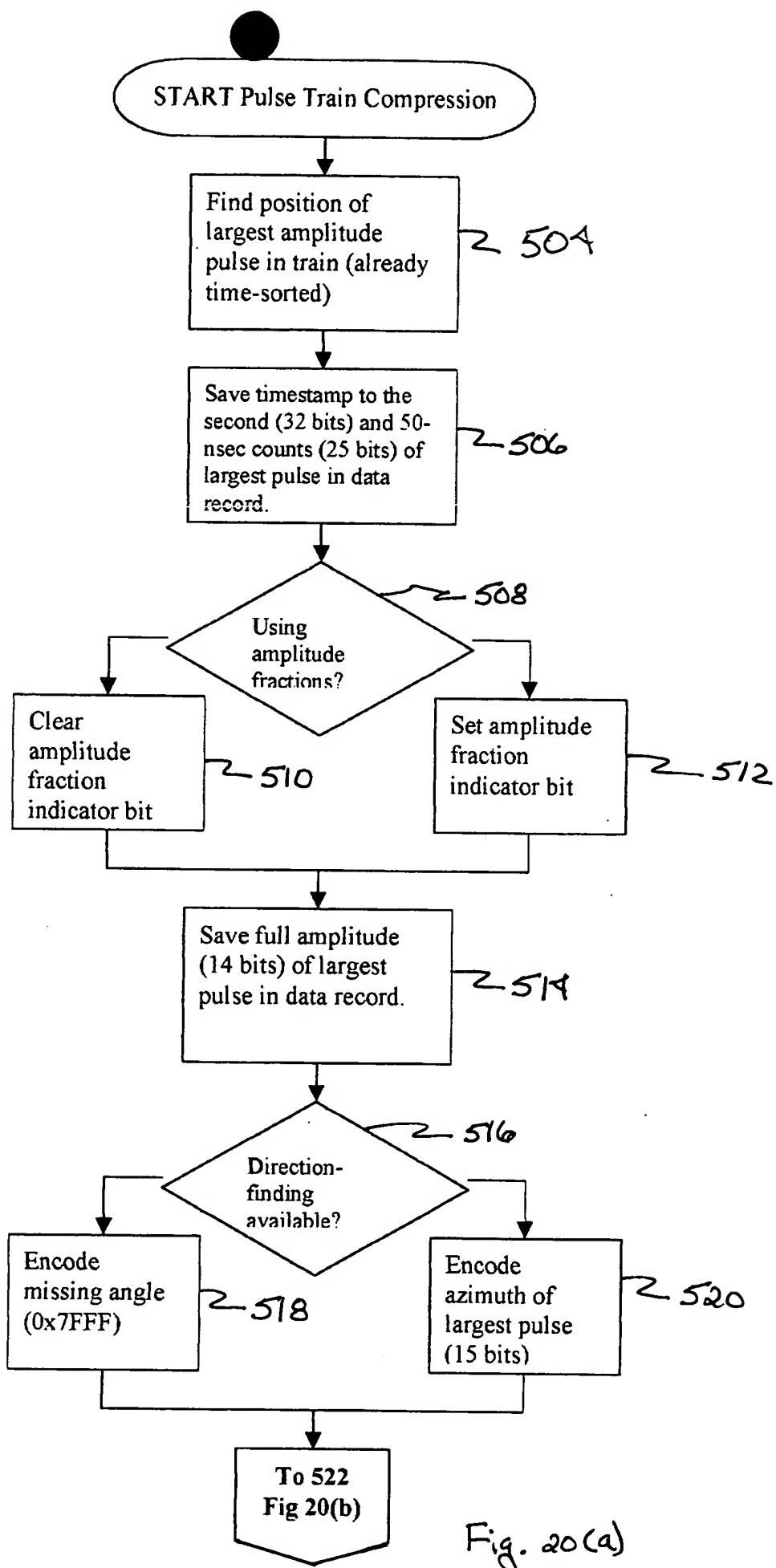


Fig. 20(a)

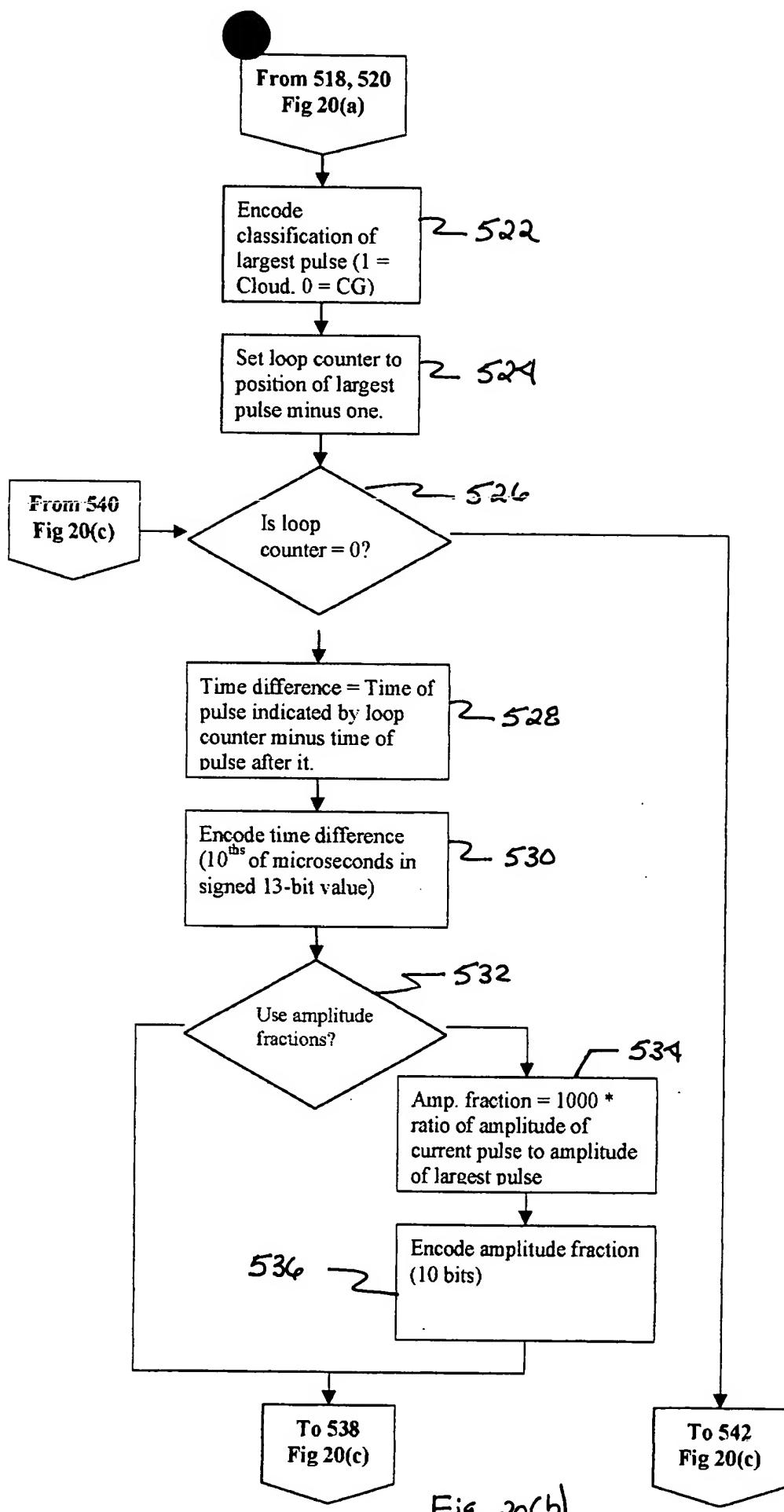


Fig. 20(b)

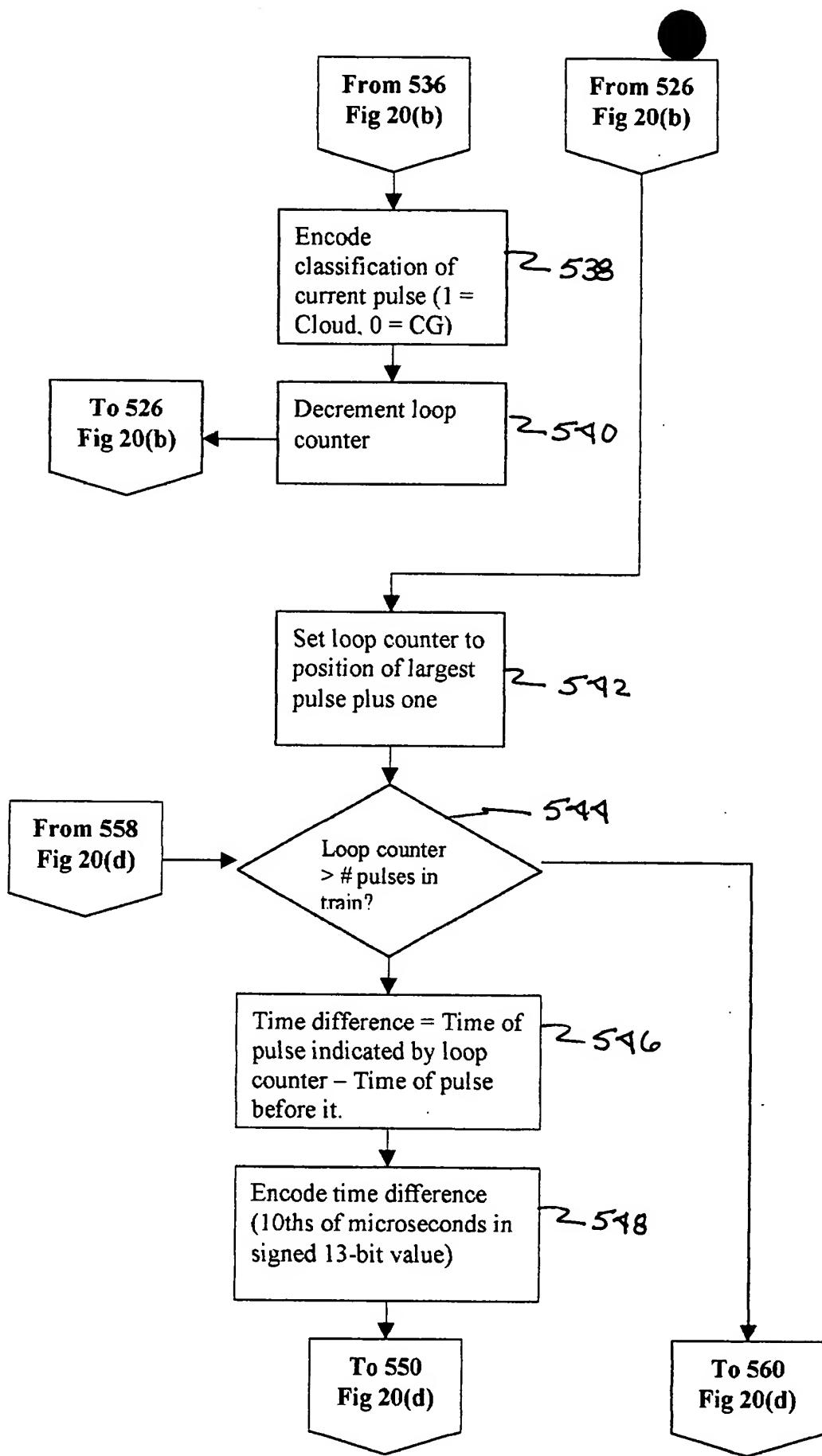


Fig. 20(c)

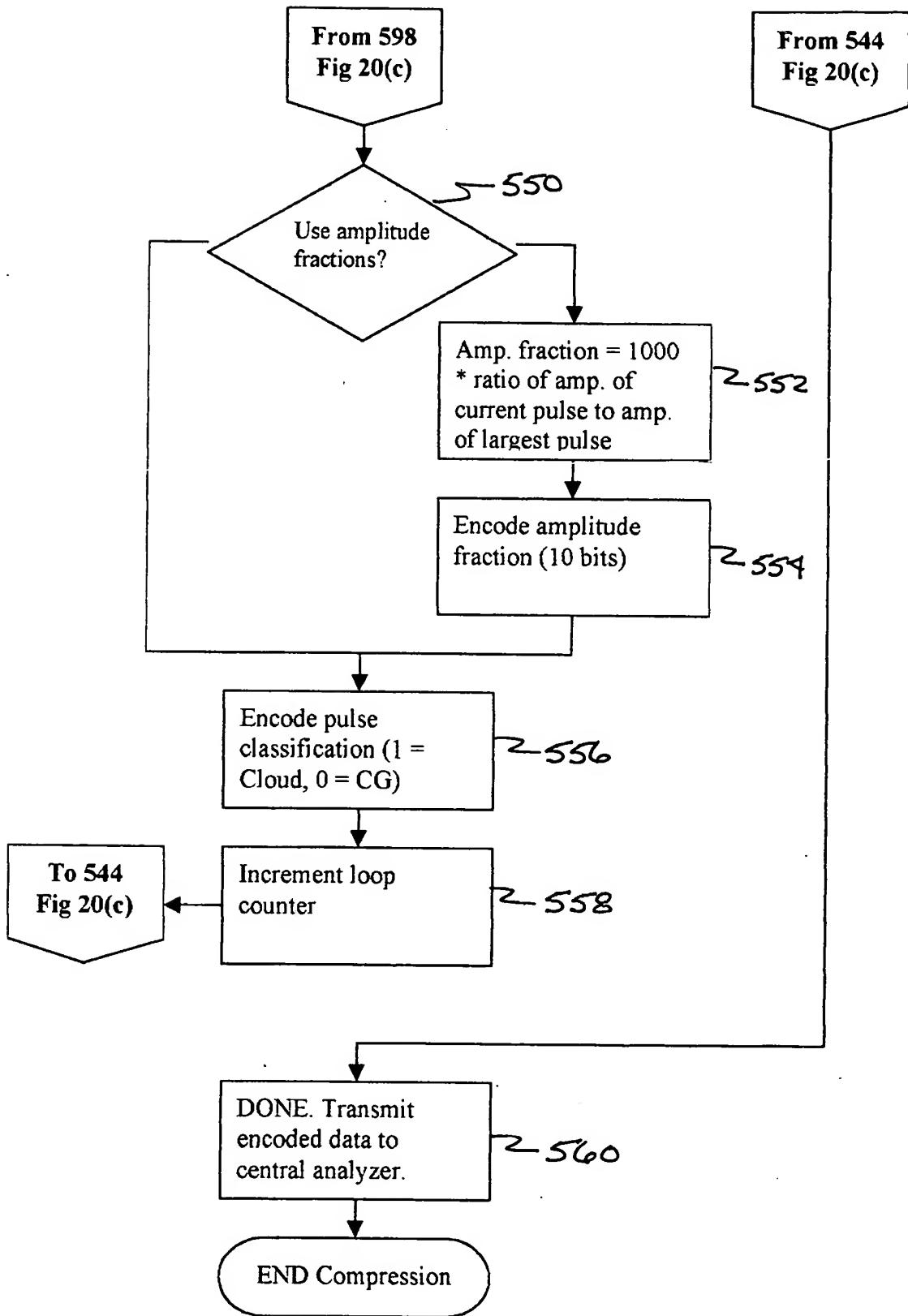


Fig. 20(d)

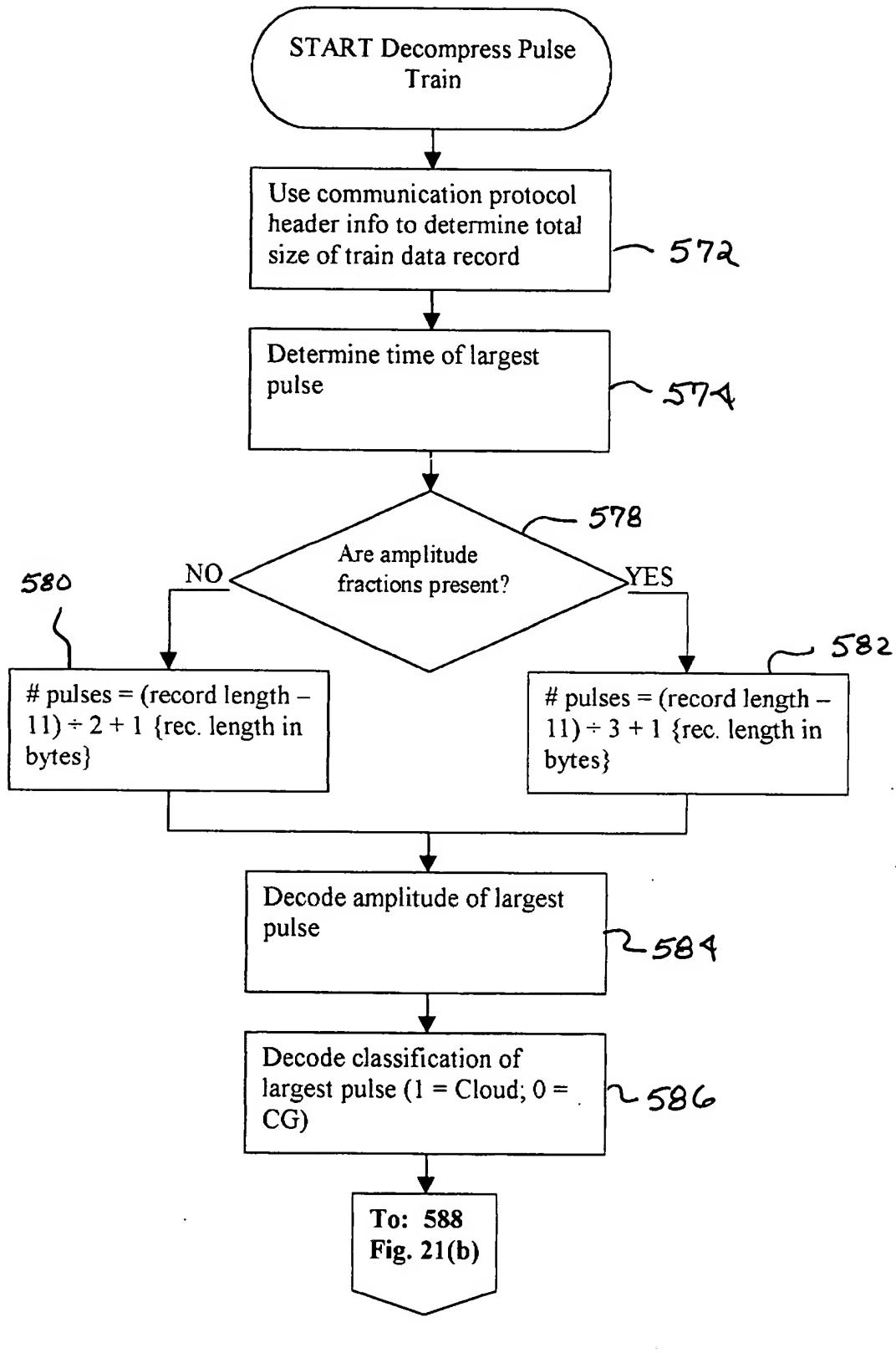


Fig. 21(a)

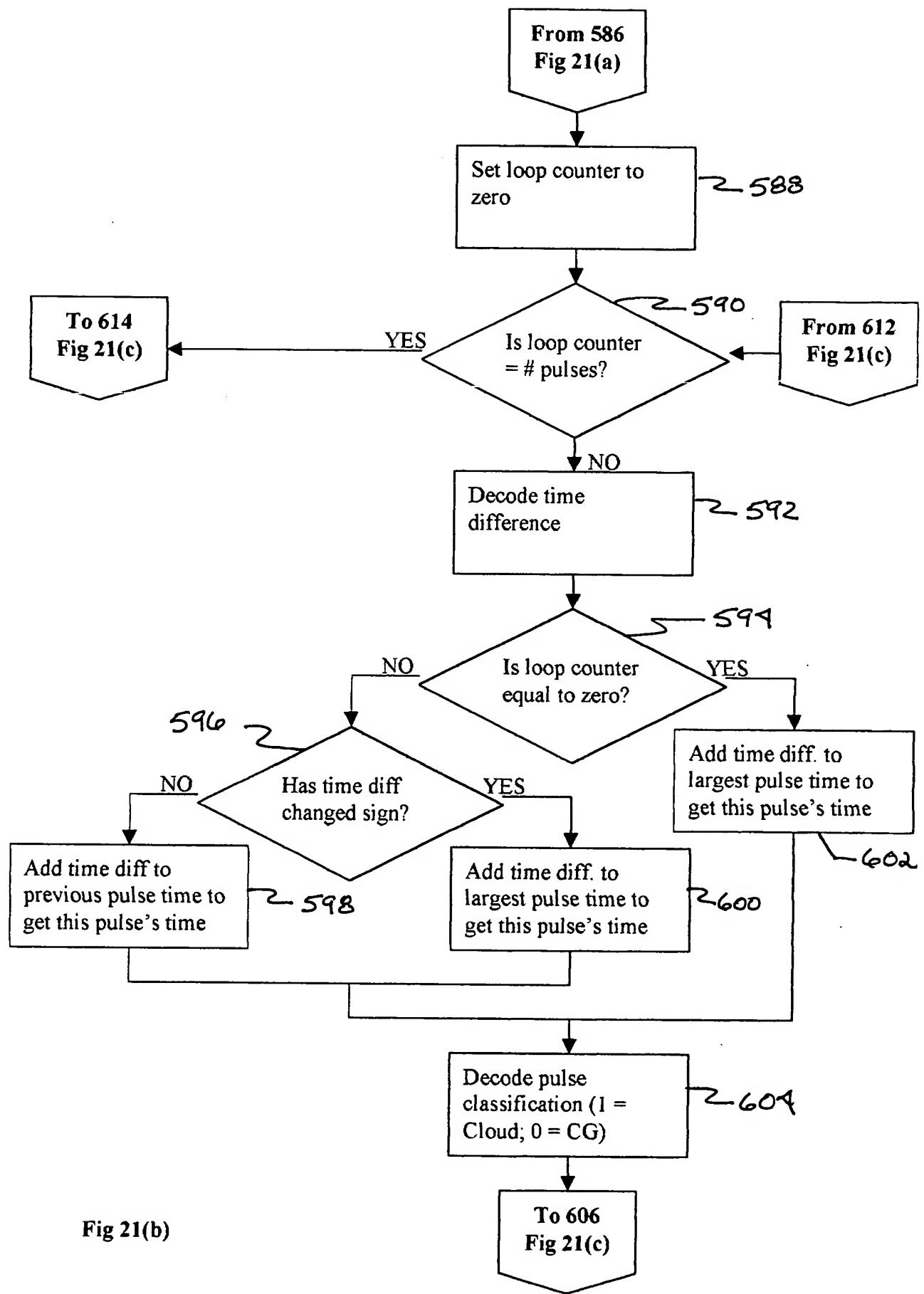


Fig 21(b)

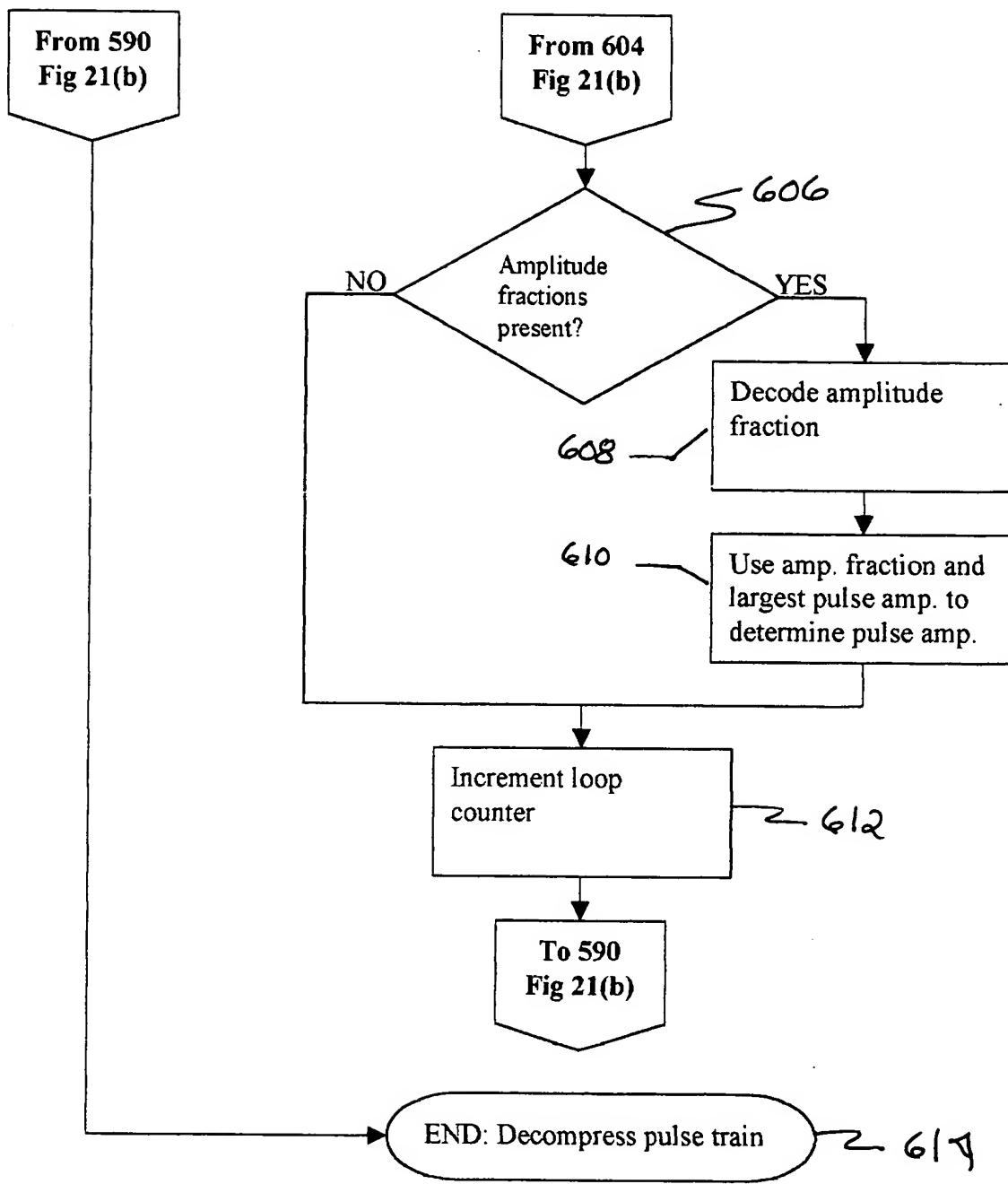


Fig 21(c)

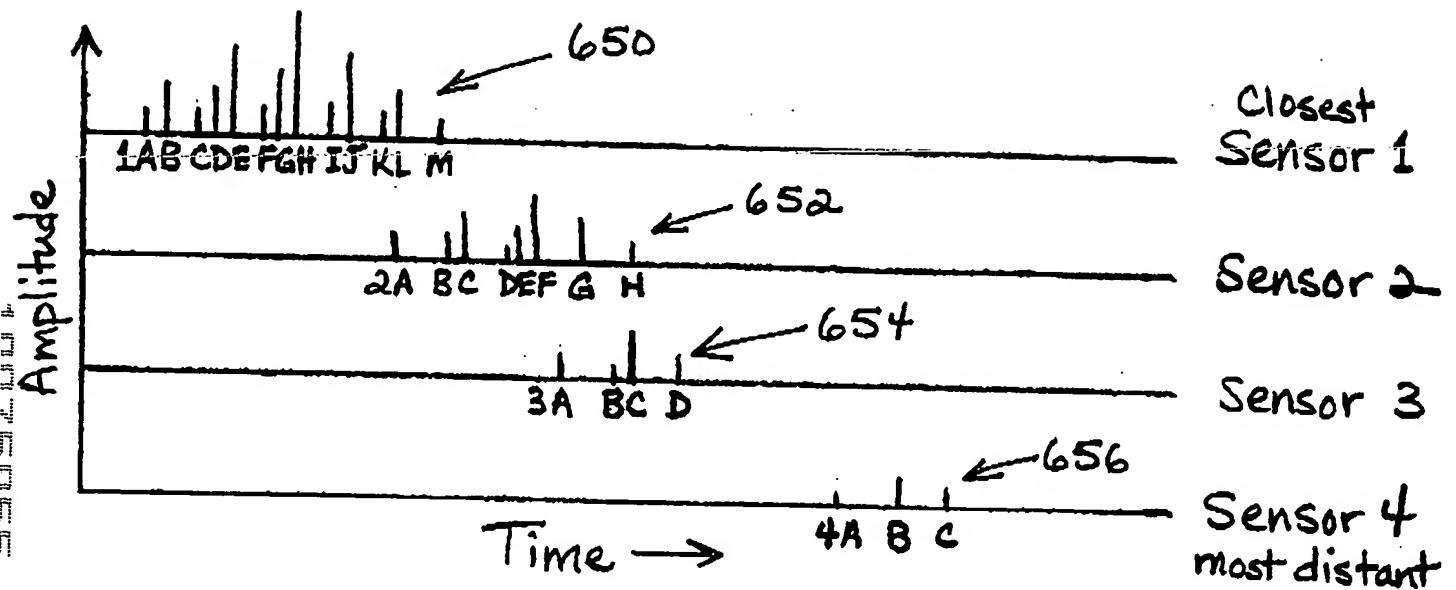


FIG. 2.2

SENSOR1	SENSOR2	SENSOR3	SENSOR4
1 H	2 F	3 C	4 B
1 J	2 G	3 D	4 C
1 E	2 C	3 A	4 A
1 G	2 E	3 B	
1 B	2 A		
1 L	2 H		
1 D	2 B		
1 F	2 D		
1 A			
1 C			
1 I			
1 K			
1 M			

FIGURE 23

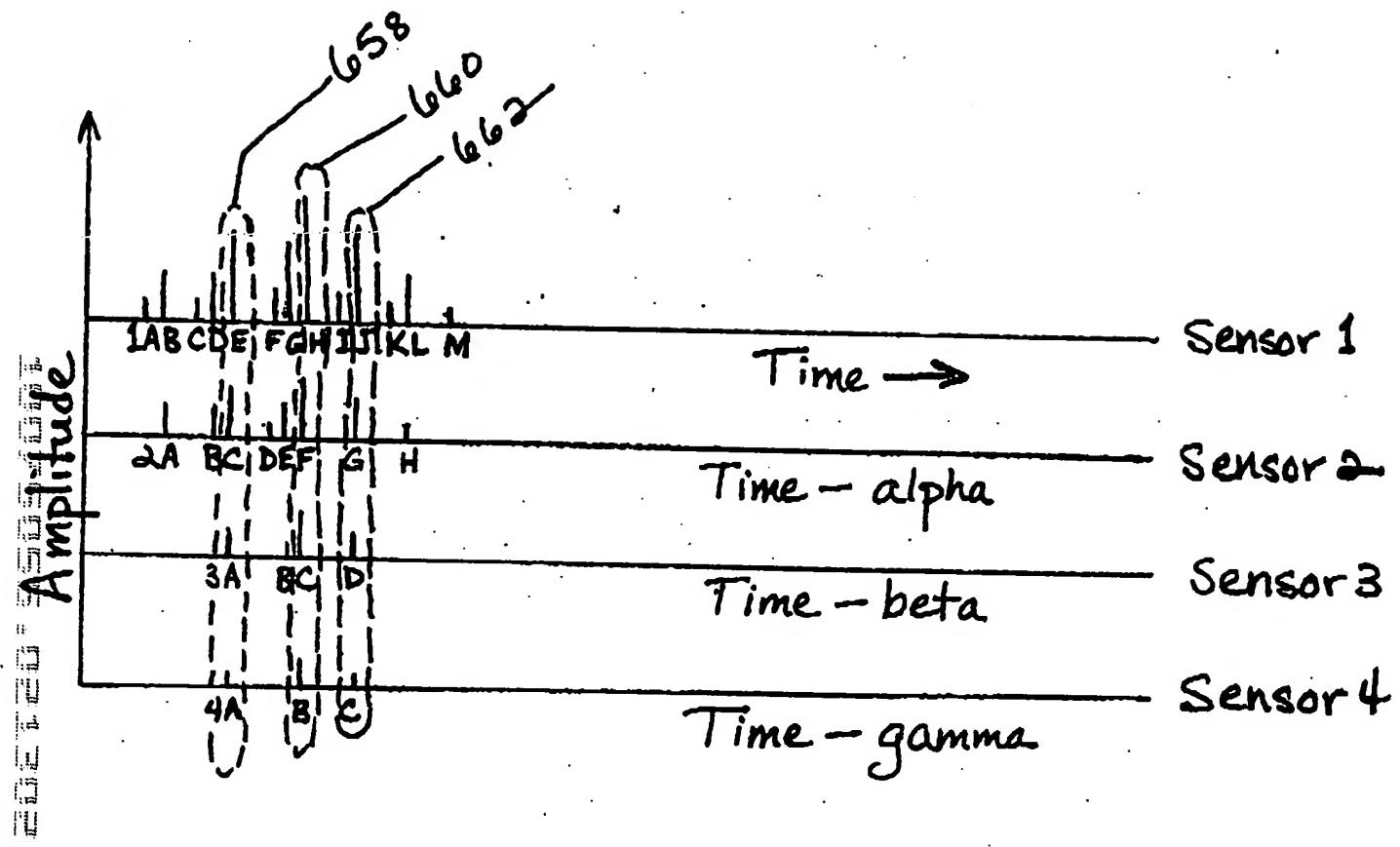


FIG. 24